Amendments to the Specification:

Please replace the two paragraphs beginning at page 2, line 3, with the following amended paragraphs:

For example, a mouse has been proposed, having improved movement detection capabilities, including detection of tilting in four different directions, rotation about its axis and a little vertical movement. This mouse, described, *e.g.*, in "The VideoMouse: A Camera-Based Multi-Degree-of-Freedom Input Device," by K. Hinckley et al., ACM UIST'99 Symposium on User Interface Software & Technology, *CHI Letters 1* (1), pp. 103-112, uses a video camera for detecting the movement. However, although the image processing systems are becoming cheaper and smaller, the costs and dimensions of these systems do not allow their use in all systems. Furthermore, this type of movement detection has a functionality highly dependent ~~from~~ upon light conditions and/or optical features of the surface the mouse rests on.

Furthermore, the known solutions do not always allow operation by disabled persons, having limited or no hand control.

Please replace the paragraph and section heading beginning at page 3, line 12 with the following amended paragraph and section heading:

According to another aspect of the invention, the control device is connected through a wire or in a wireless way to the computer system.

~~ACCORDING TO ANOTHER ASPECT OF THE INVENTION, THE CONTROL DEVICE IS CONNECTED THROUGH A WIRE OR IN A WIRELESS WAY TO THE COMPUTER SYSTEM.~~BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

Please replace the paragraph beginning at page 9, line 13, with the following amended paragraph:

Then, the (digitized) output signals X and Y from the accelerometer(s) 20, 30 are read, step 52; the entity of the movement in the X direction is calculated as the difference between the output signal X and a previous value XOLD and compared with positive clicking threshold THC, step 54. If the difference X-XOLD is higher than the positive clicking threshold THC, a right click (corresponding to clicking of the right button in a conventional mouse) is detected and a corresponding signal is sent to the computer system, step 56; otherwise the difference X-XOLD is compared with the negative clicking threshold -THC, step 58. If the difference X-XOLD is lower than the negative clicking threshold -THC, a left click (corresponding to clicking of the left button in a conventional mouse) is detected and a corresponding signal is sent to the computer system, step 60.

Please replace the paragraph beginning at page 10, line 4, with the following amended paragraph:

If the X-direction movement is lower than the X-signal threshold THX (output NO from step 62), as well as after detecting a clicking function (after steps 56, 60) and after calculating the new position X_POS (after step 64), the variation of the output signal Y is checked, analogously to what was described for the X signal. Thus, the entity of the movement in the Y direction is calculated as difference between the output signal Y and a previous value YOLD and compared with positive clicking threshold THC, step 66. If the difference Y-YOLD is higher than the positive clicking threshold THC, a command analogous to the continuous pressure of the left button in a conventional mouse is detected and a corresponding signal is sent to the computer system, step 68; otherwise the difference Y-YOLD is compared with the negative clicking threshold -THC, step 70. If the difference Y-YOLD is lower than the negative clicking threshold -THC, a release command of the left button is detected and a corresponding signal is sent to the computer system, step 72.